

Fig. 1a

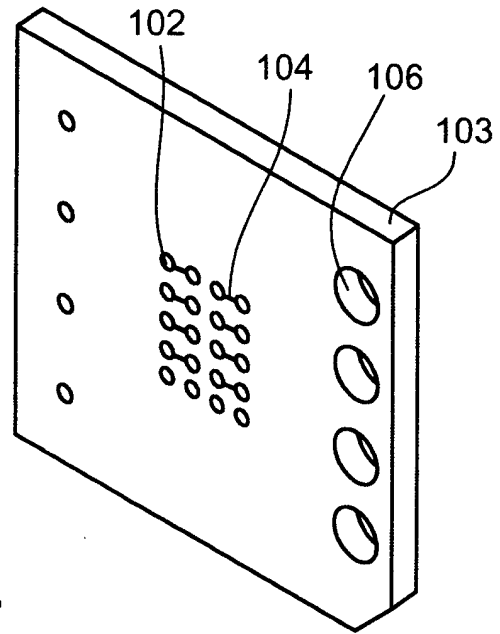


Fig. 1b

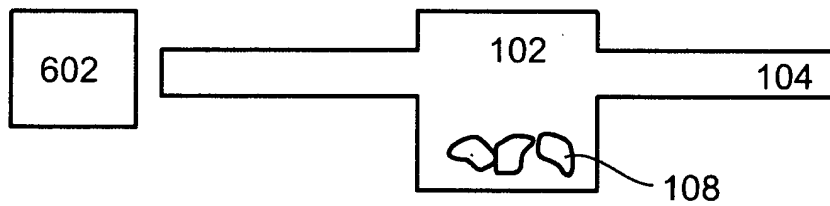


Fig. 1c

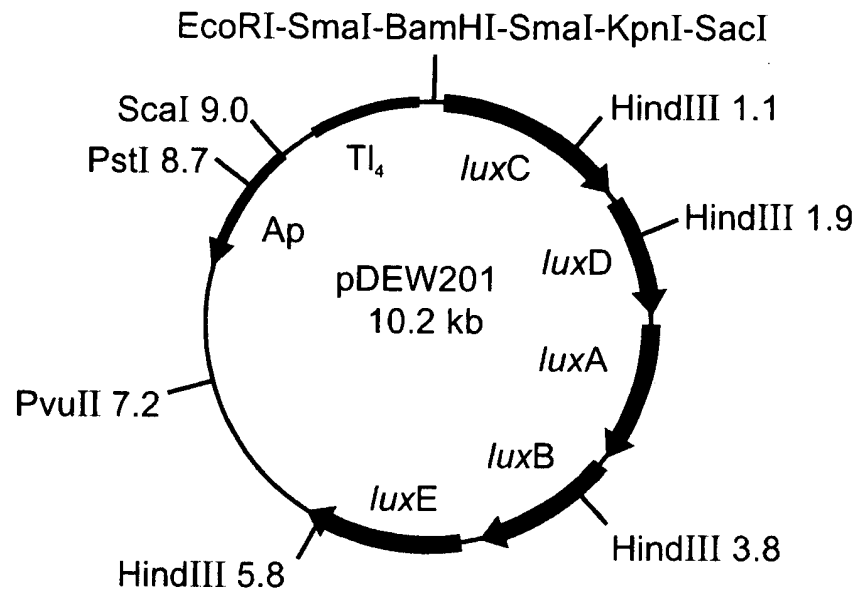


Fig. 2

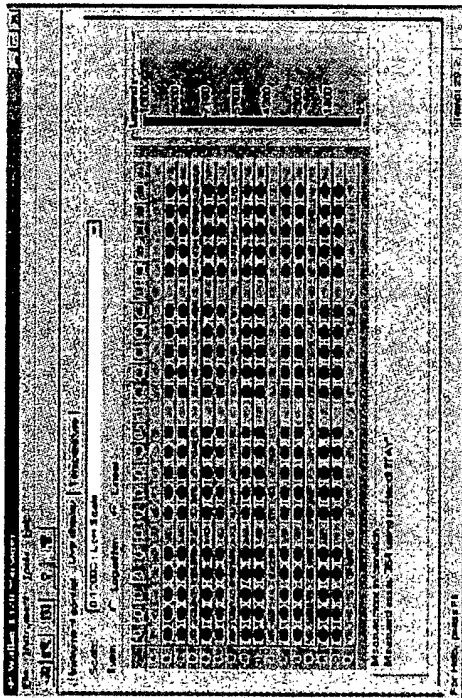


Fig. 3a

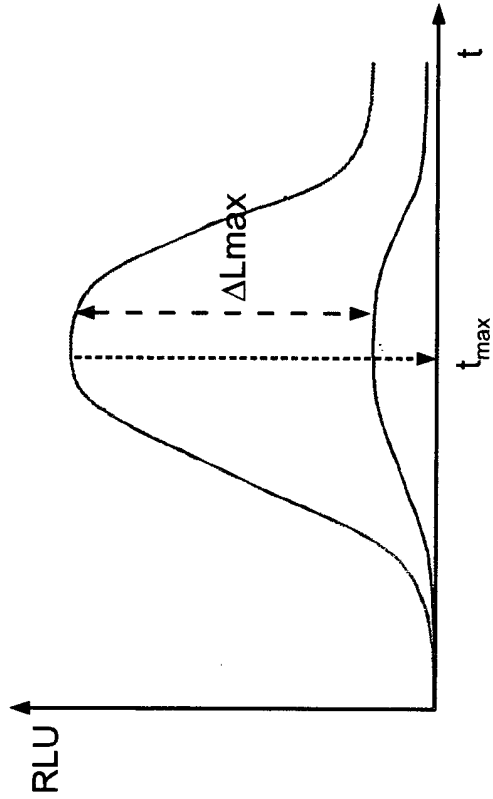


Fig. 3b

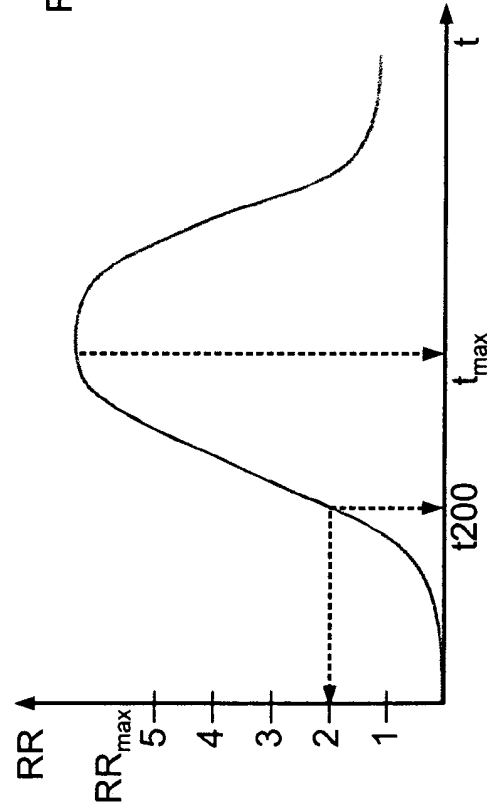


Fig. 3c

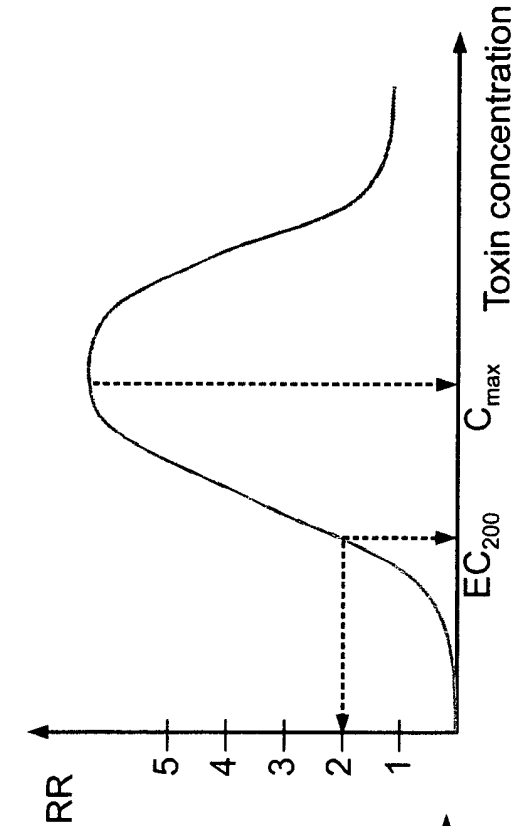
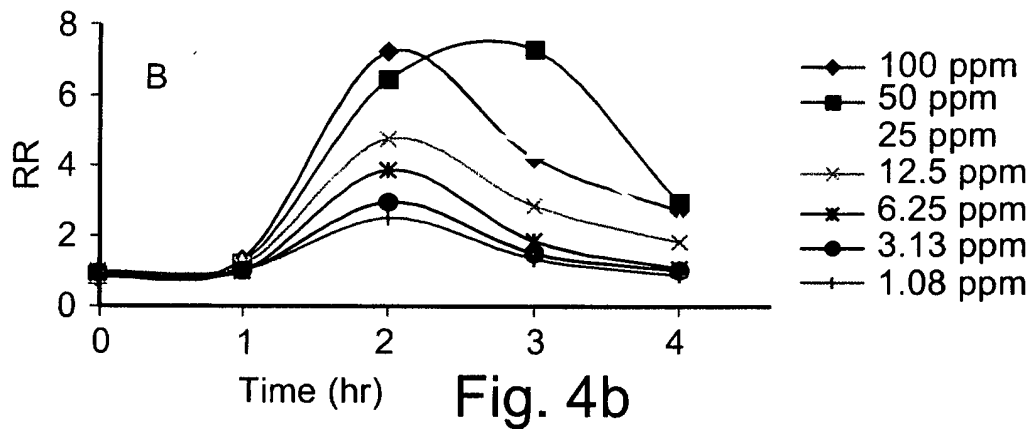
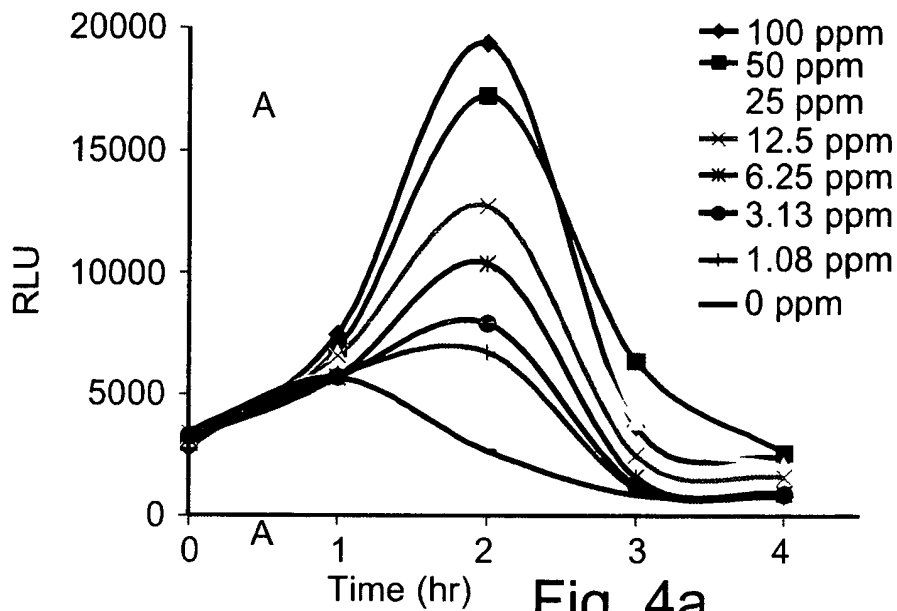


Fig. 3d

4/17



NetMaker - nn1 datashit1.txt

File	Column	Row	Label	Number	Symbol	Operate
Input	Input	Input	Input	Input	Input	Pattern
grpE	nhoA	oraA	lacZ	mipA	result	
1	478	3517	8730	82696	29412	ddvp
2	421	3897	9497	92440	10269	ddvp
3	579	3890	8661	110602	12739	ddvp
4	392	3213	9141	107643	6930	ddvp
5	514	3894	9667	101374	7548	ddvp
6	348	3680	9880	83013	18158	ddvp

Fig. 5

5/17

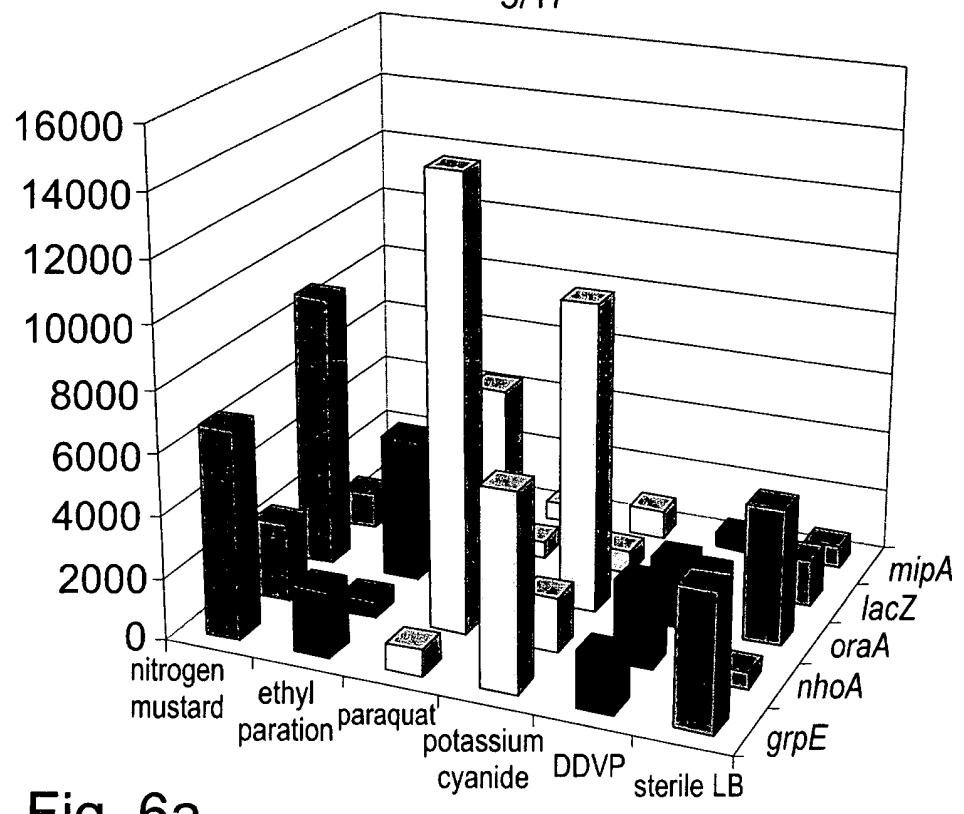


Fig. 6a

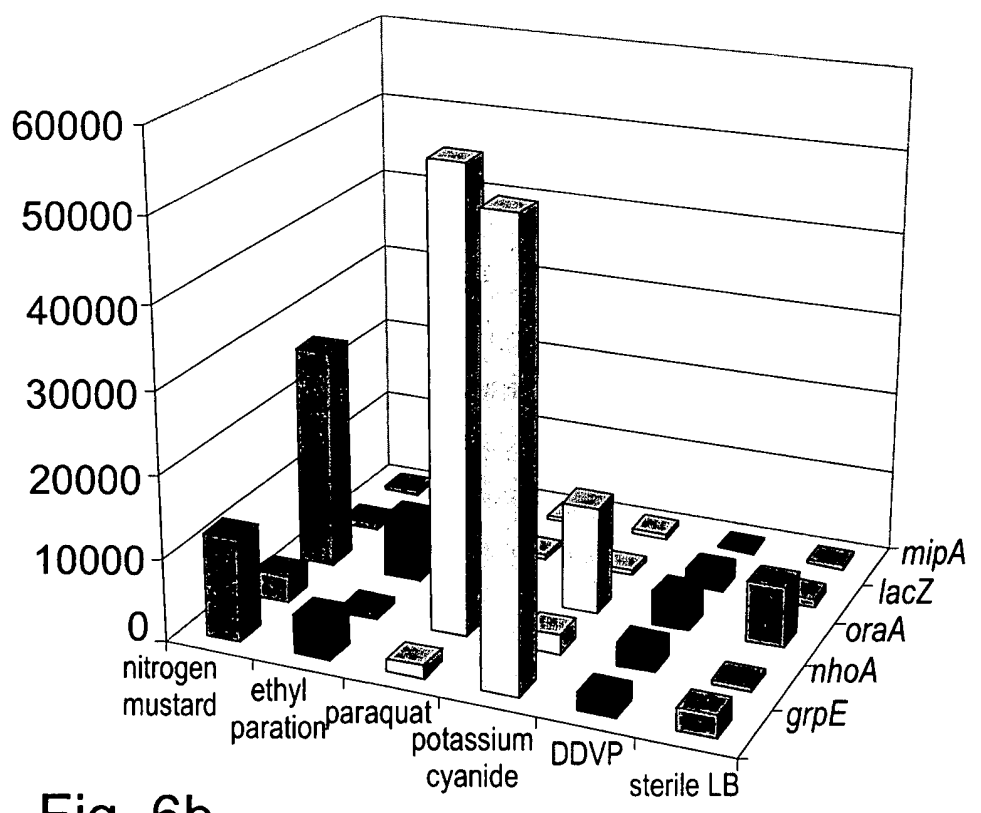


Fig. 6b

6/17

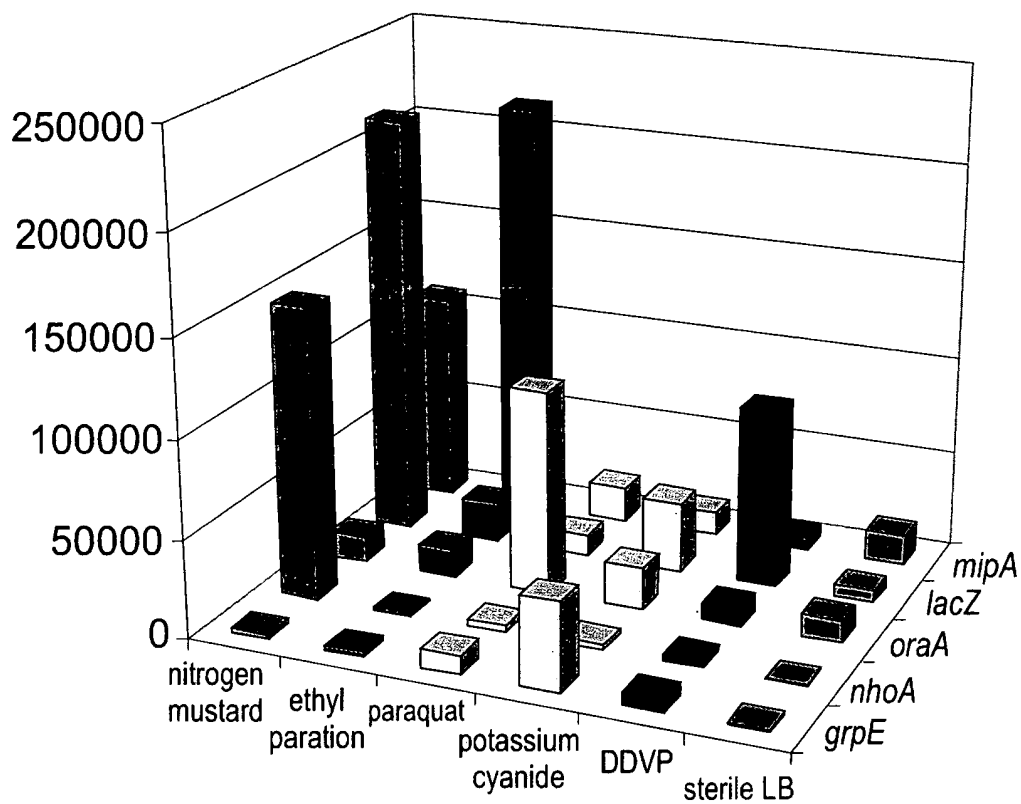


Fig. 6c

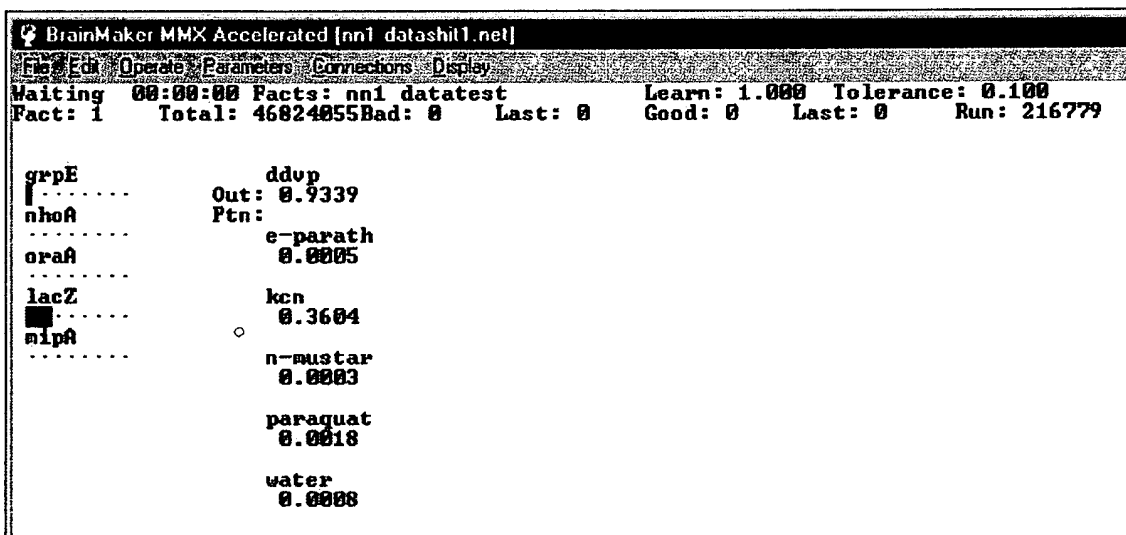
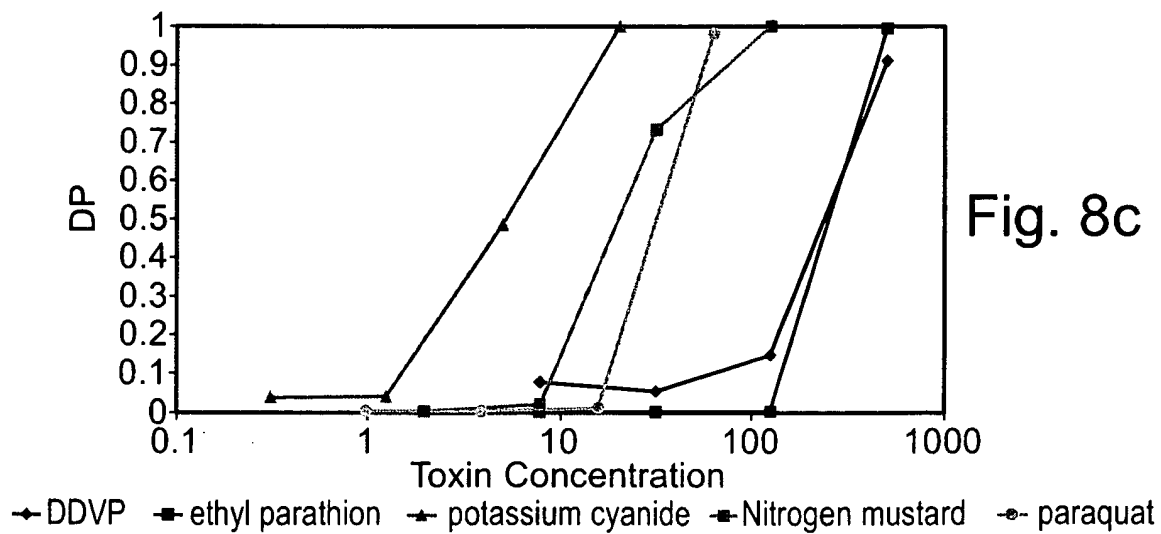
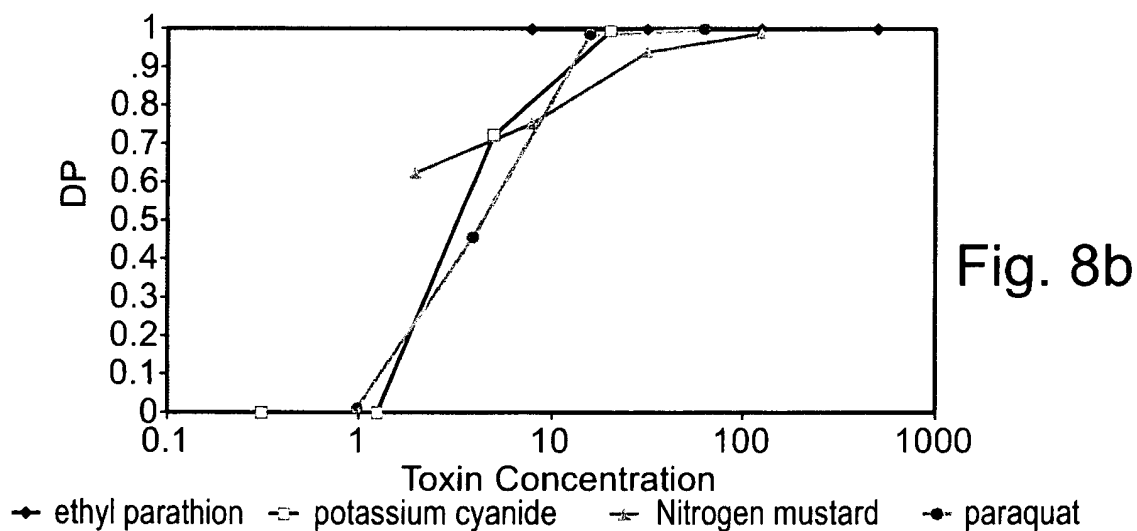
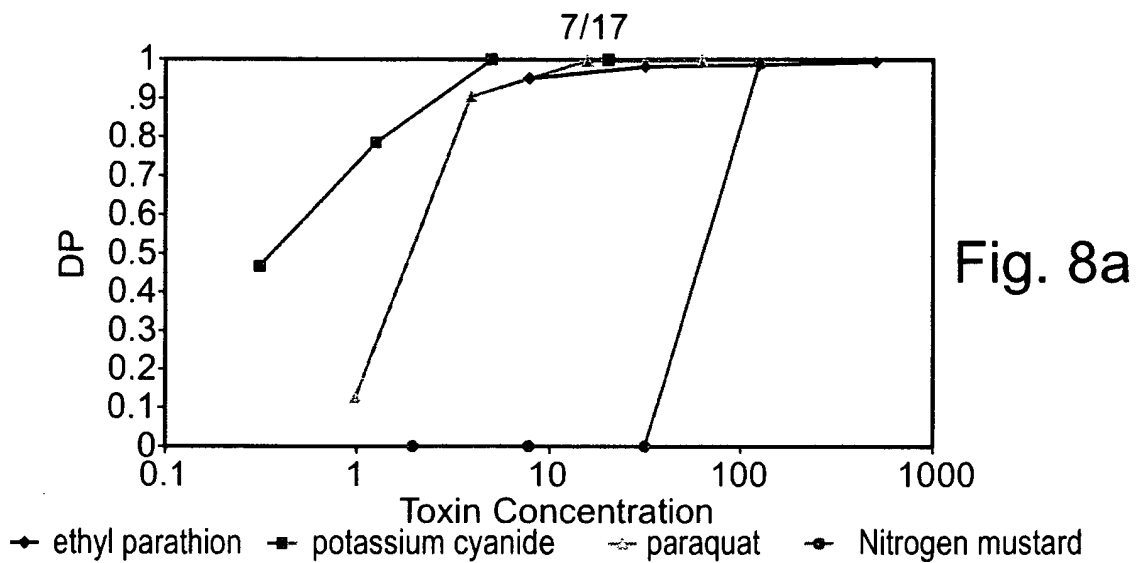


Fig. 7



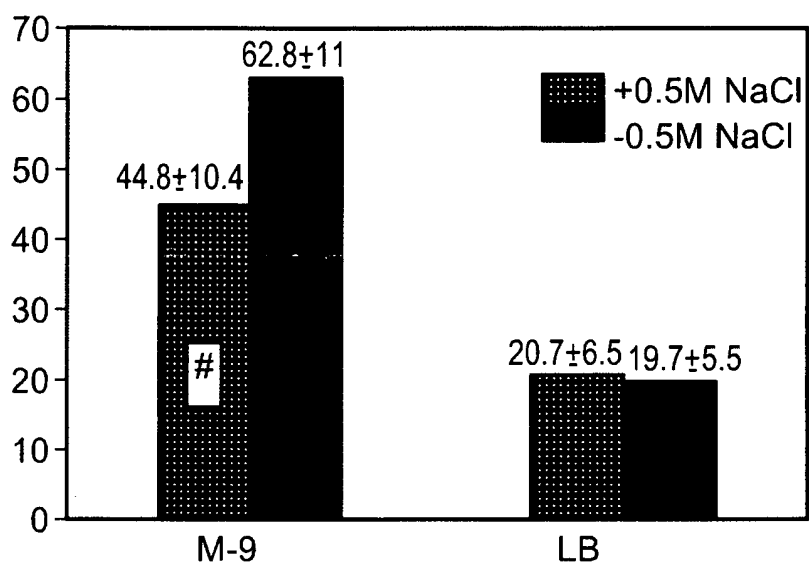


Fig. 9

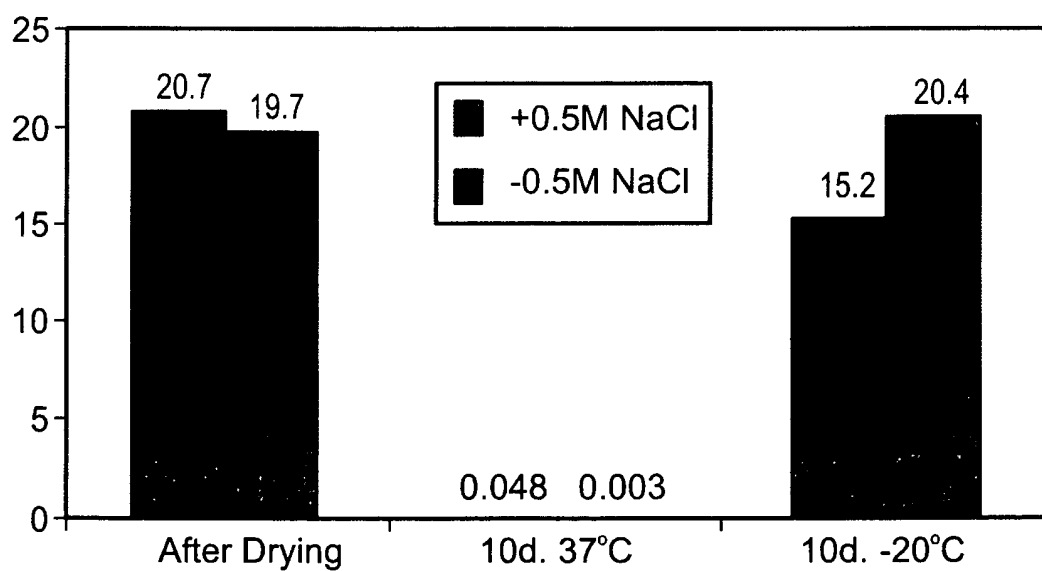


Fig. 10



9/17

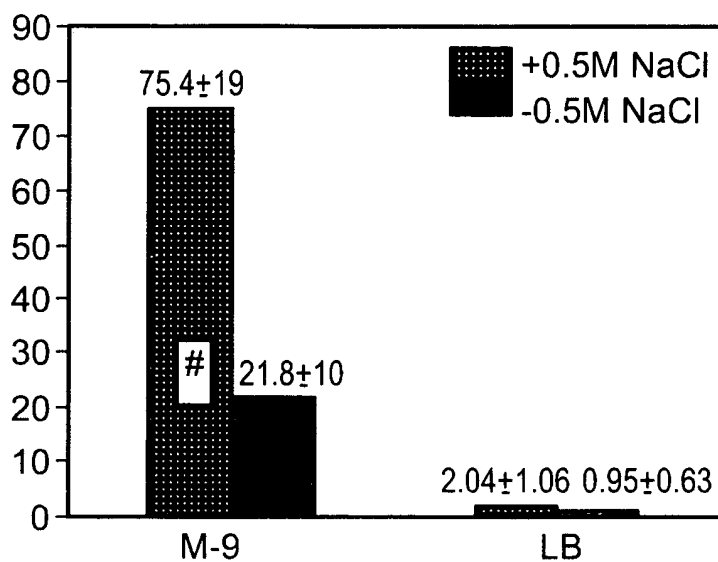


Fig. 11

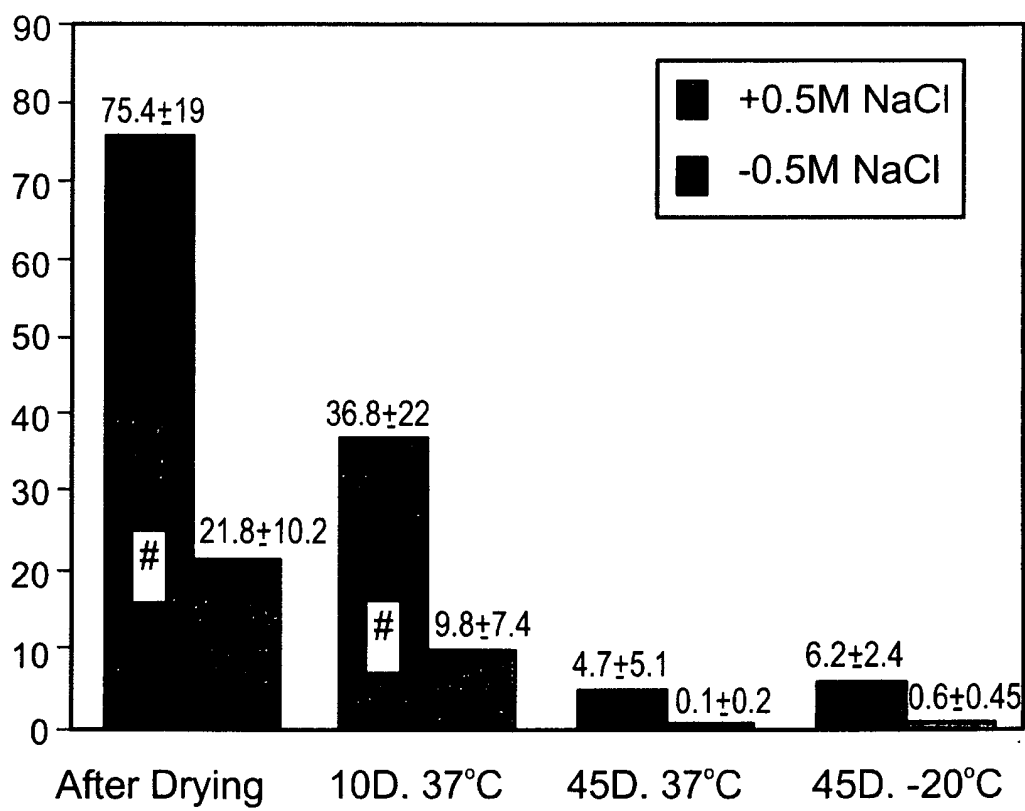


Fig. 12

10/17

Comparison of different Concentrations of  
Fresh *grpE::Lux* cells

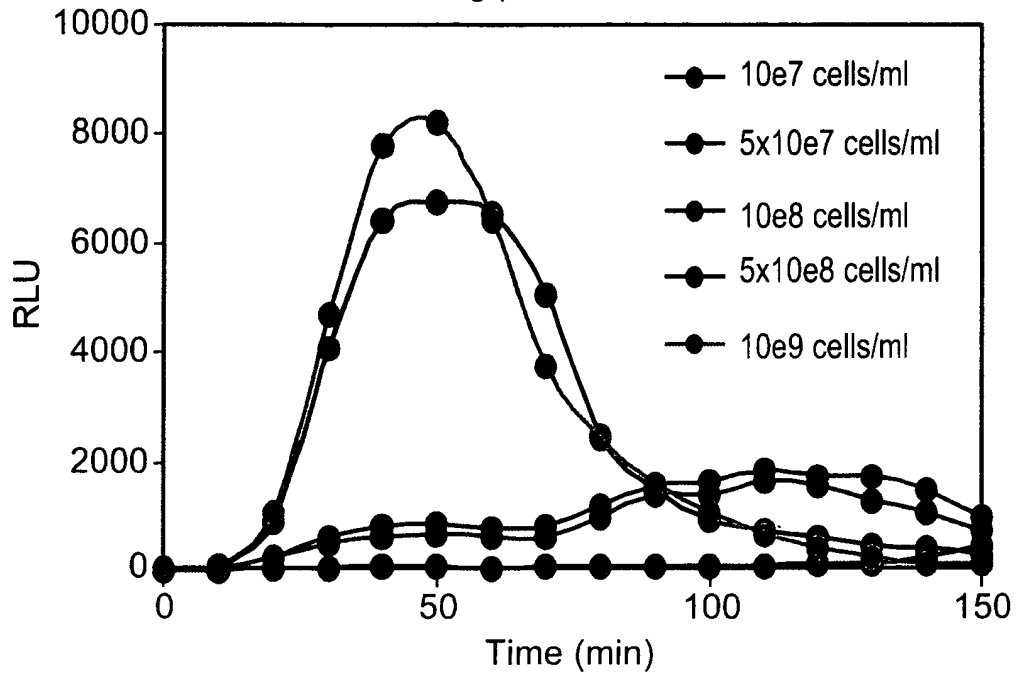


Fig. 13a

Comparison of different Concentrations of  
Fresh *recA::Lux* cells

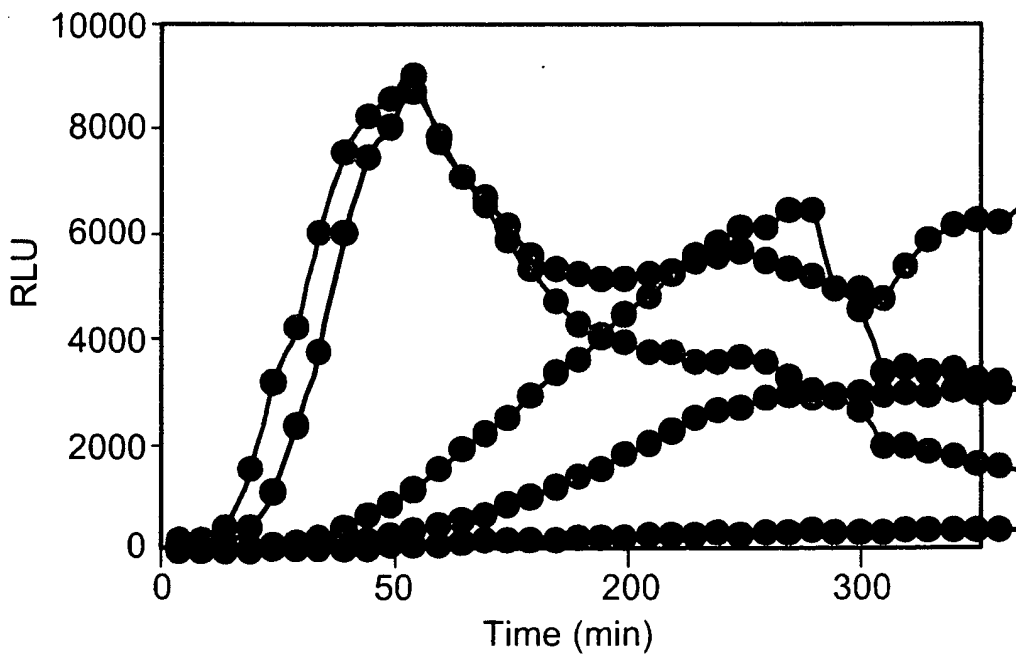


Fig. 13b

11/17

Effect of Cells concentration on  
Dry Cells *grpE::Lux*

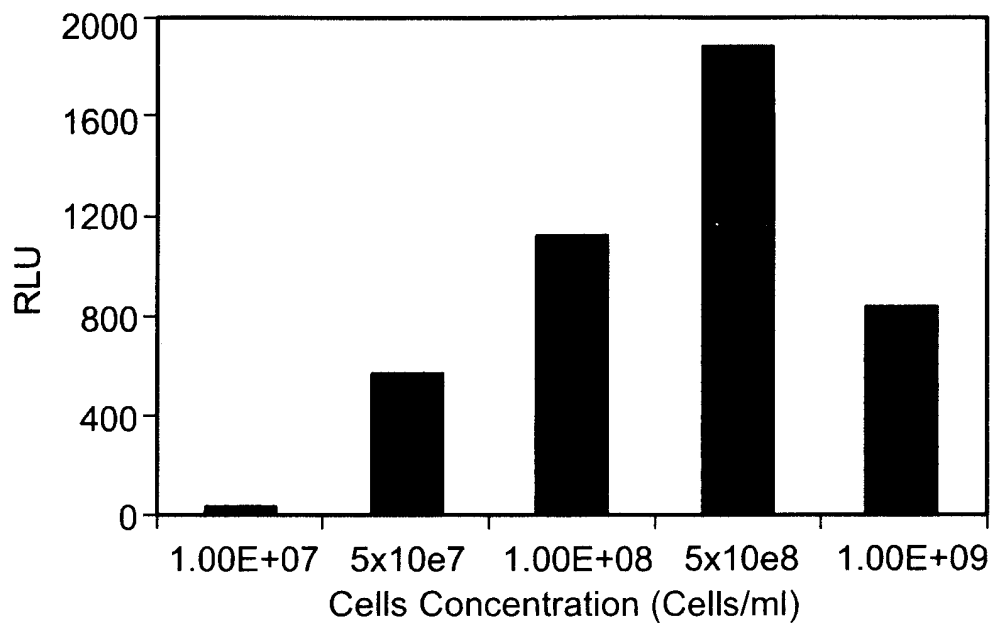


Fig. 14a

Effect of Cells concentration on  
Dry Cells *recA::Lux*

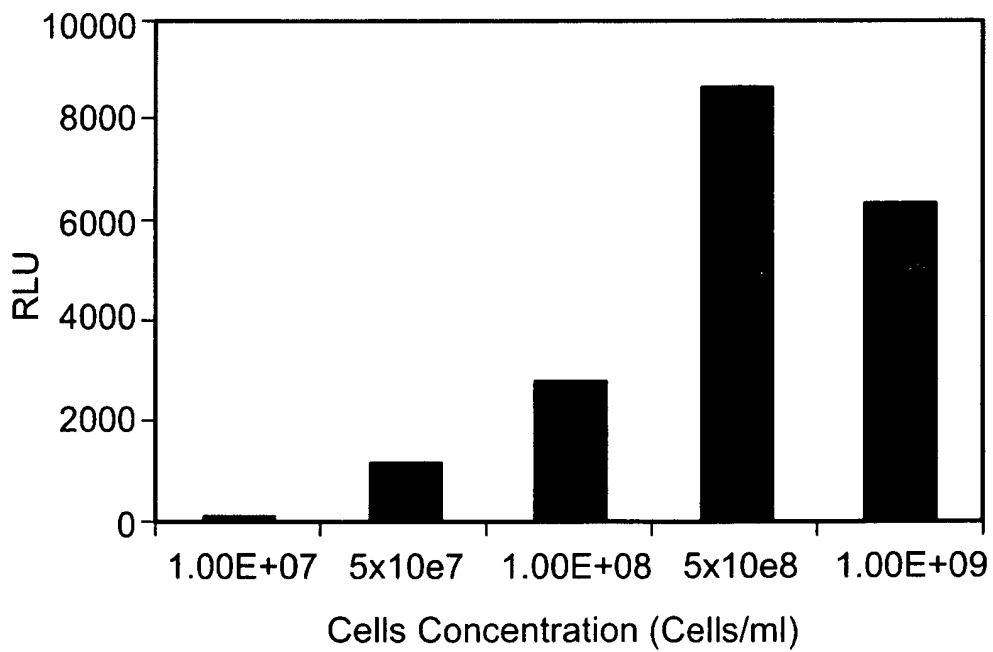


Fig. 14b

12/17

Comparison of Fresh and Dry  
*recA ::Lux* and *grpE ::Lux* Cells

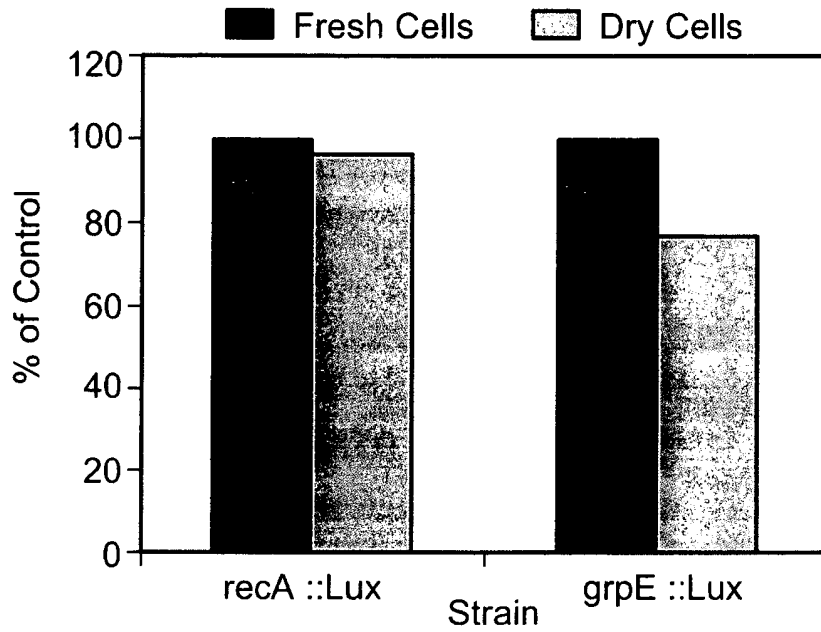


Fig. 15

Optimal Cells Volume of  
*recA ::Lux* Dry Cells

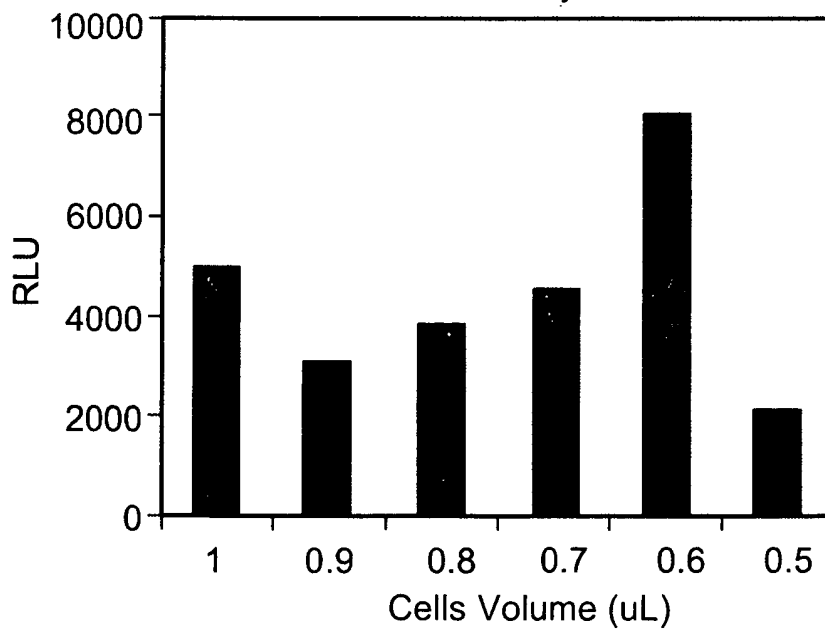
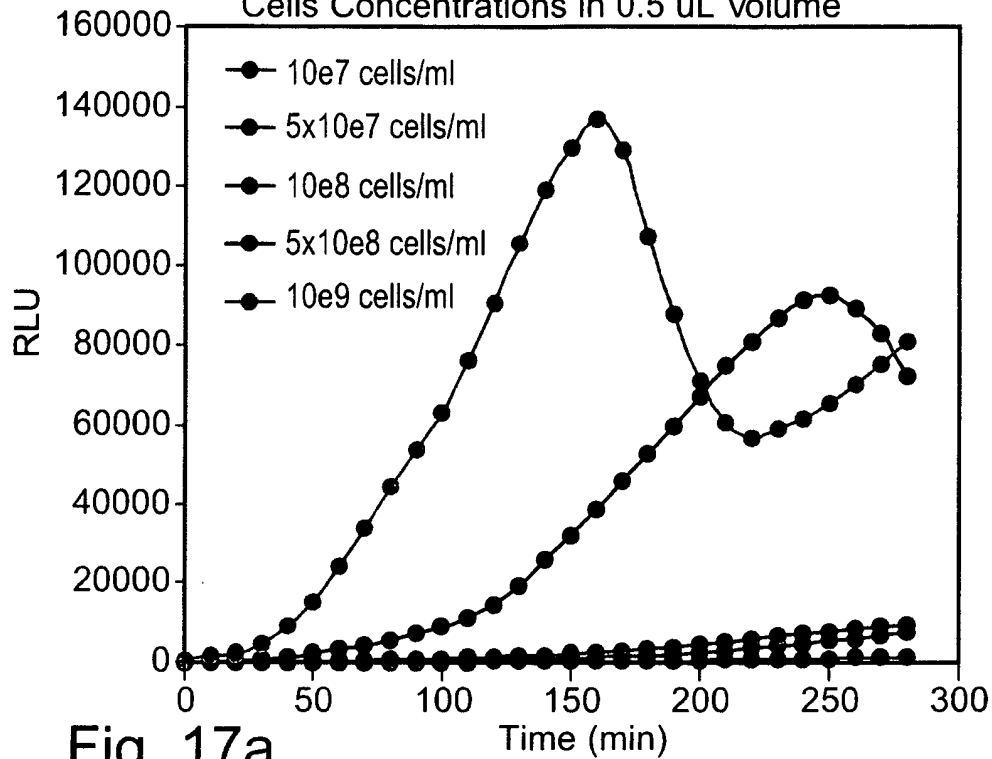


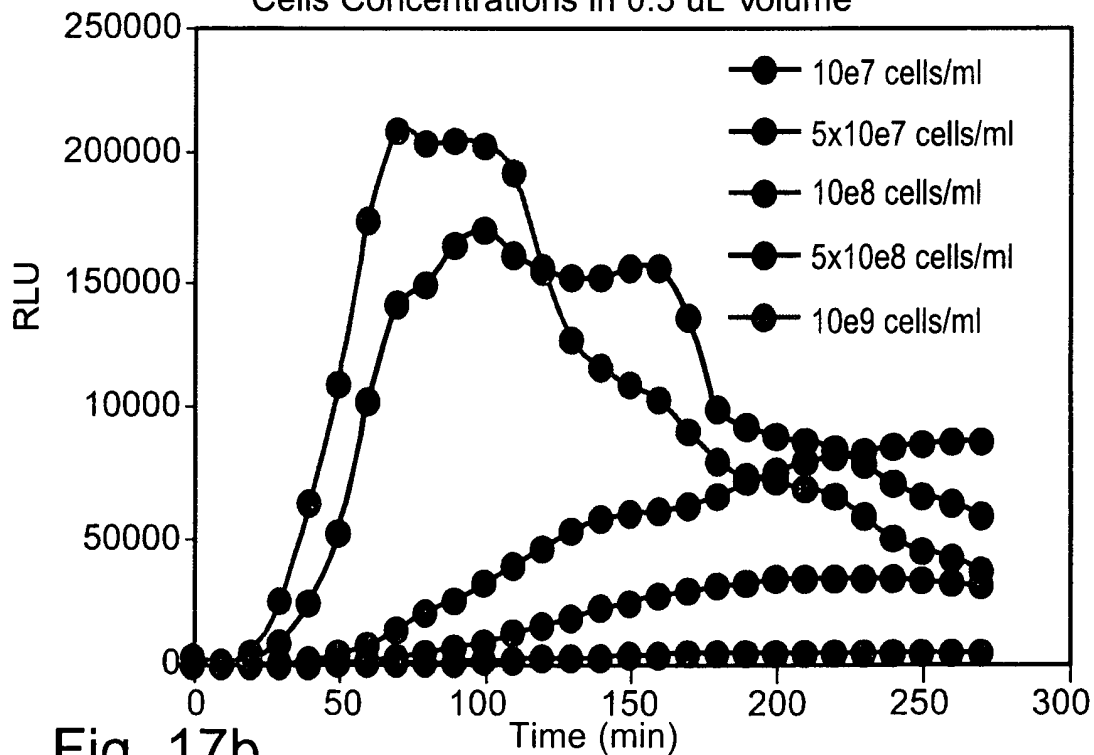
Fig. 16

13/17

Comparison of different Dry *recA* ::*Lux*  
Cells Concentrations in 0.5 uL Volume



Comparison of different Fresh *recA* ::*Lux*  
Cells Concentrations in 0.5 uL Volume



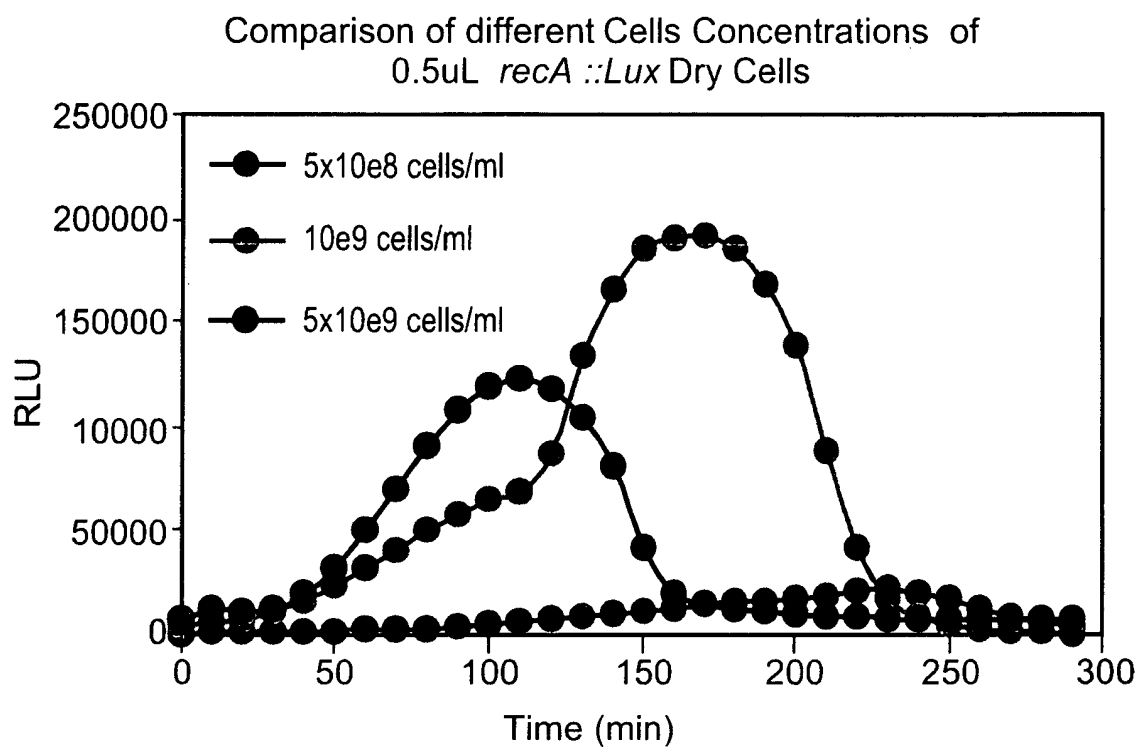


Fig. 18

15/17

Effect of Storage at  $-20^{\circ}\text{C}$  on Dry *recA* ::*Lux* Cells  
Grown in LB and in M9

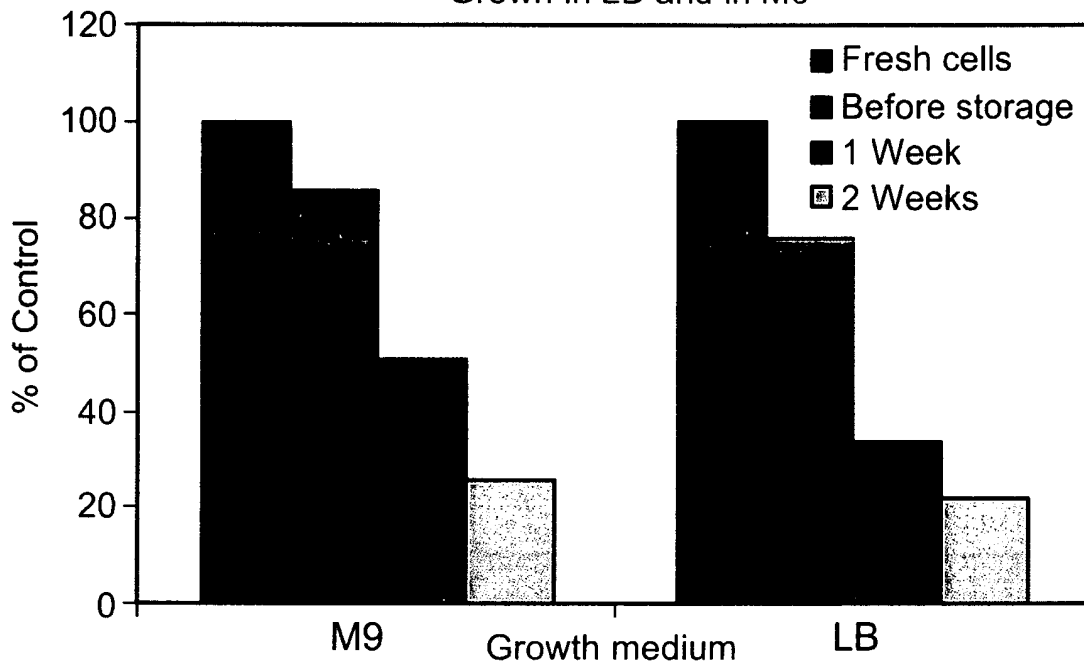


Fig. 19a

Effect of Storage at  $4^{\circ}\text{C}$  on Dry *recA* ::*Lux* Cells  
Grown in LB and in M9

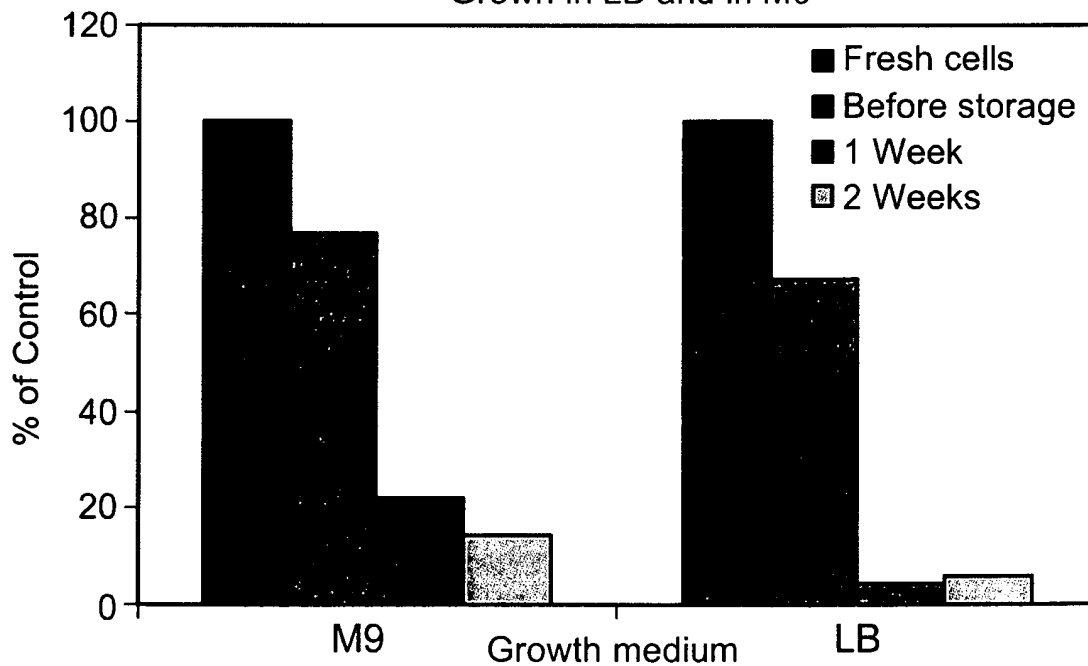


Fig. 19b

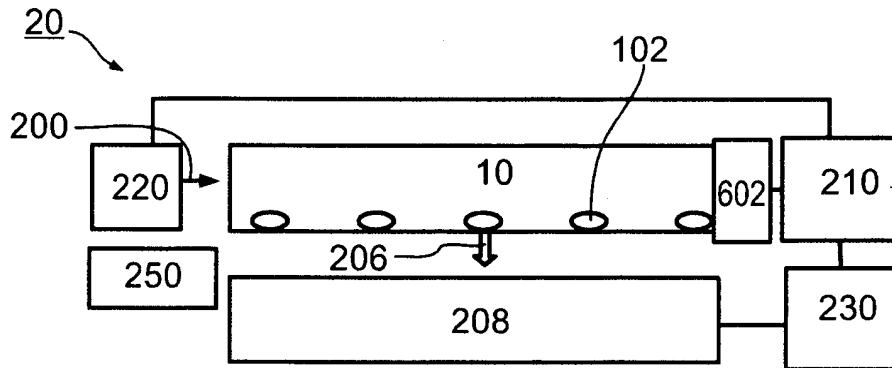


Fig. 20a

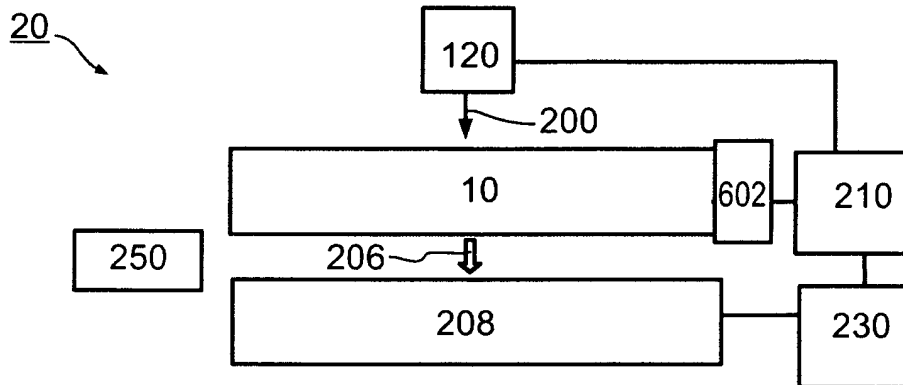


Fig. 20b

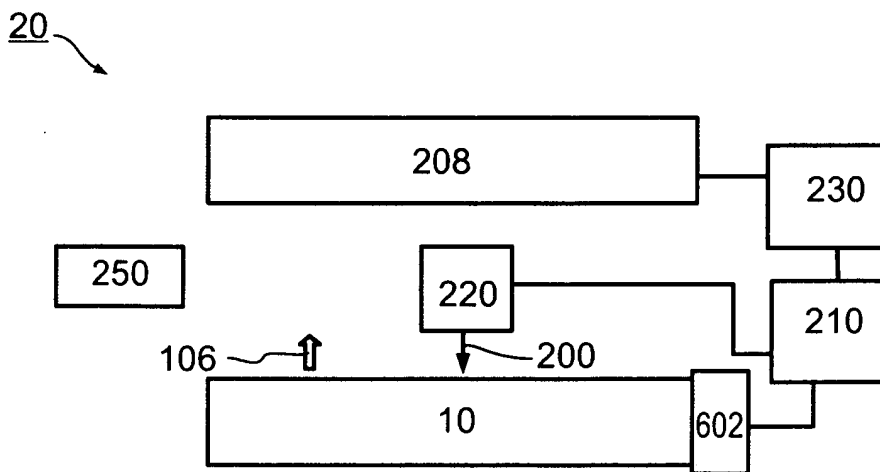


Fig. 20c



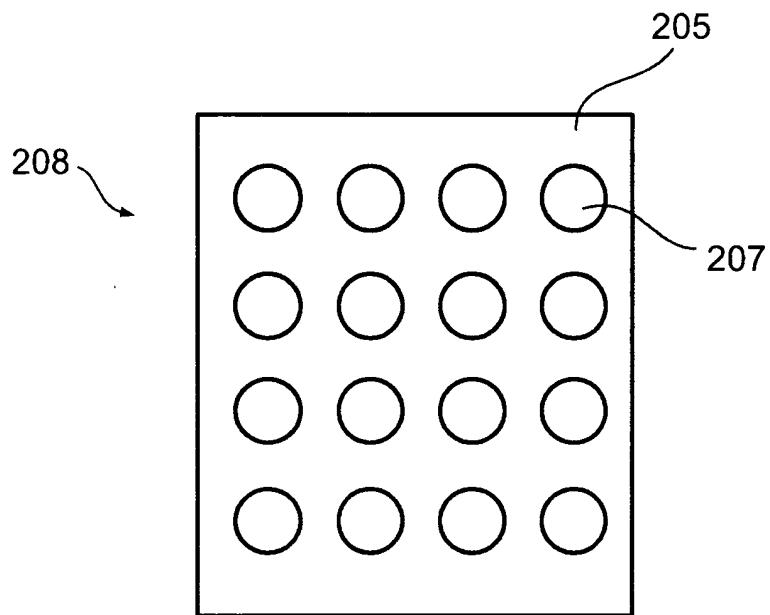


Fig. 21